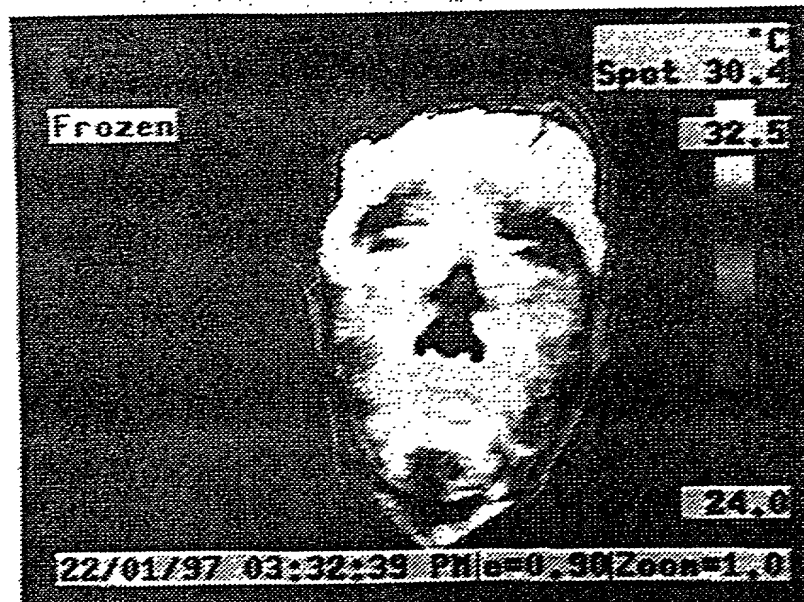
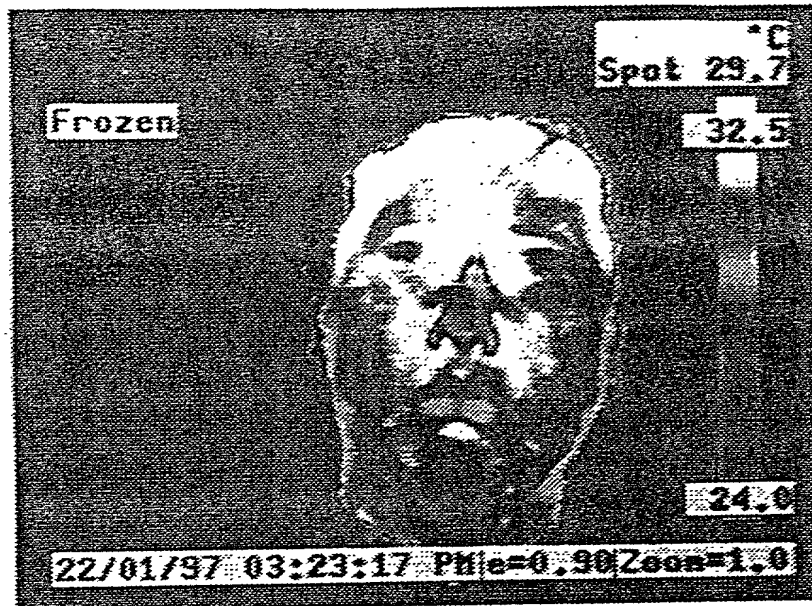


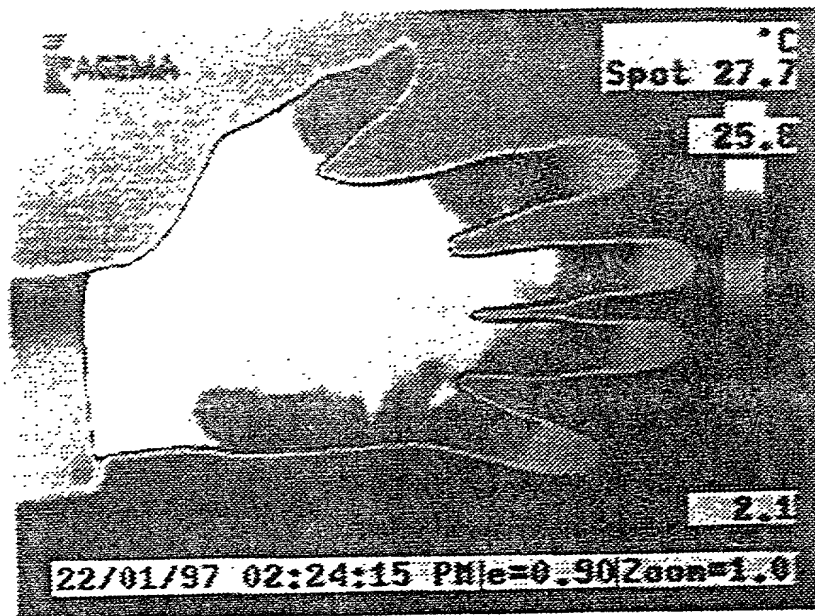
1/6

Fig. 1

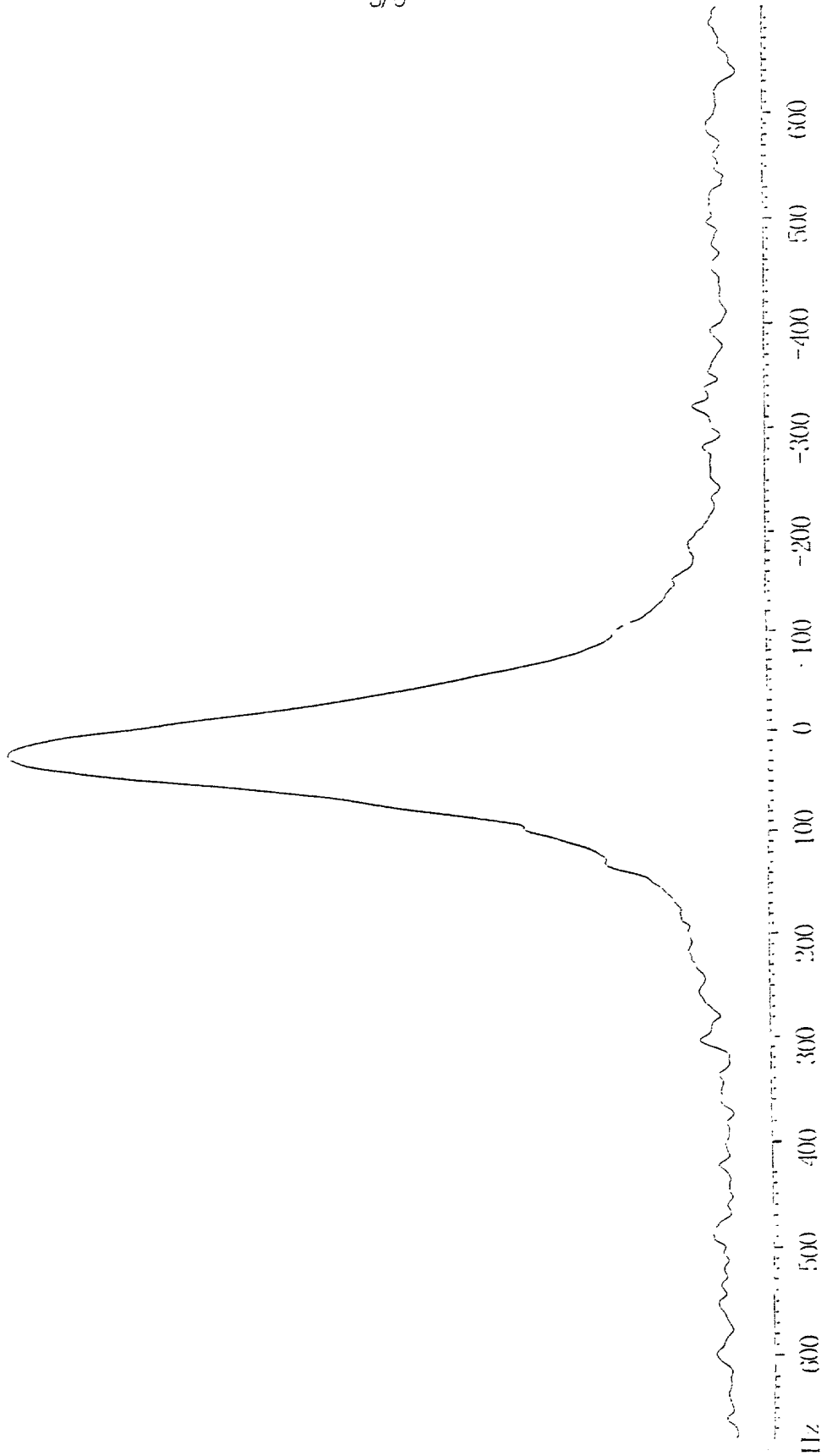


2/6

Fig. 2



3/6

Fig. 3
gm-1007(2-1) 170-1D of tap water at 303K

4/6

Fig. 3(continued)

Current Data Parameters

NAME gm-1007
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters

Date 960927
Time 9.13
PULPROG zg
SOLVENT CHCL3
AQ 1.8022600 sec
FIDRES 0.277433 Hz
DQ 55.0 usec
RG 32768
NUCLEUS 170
HL1 3 dB
D1 1.0000000 sec
P1 10.0 usec
DE 68.8 usec
SFO1 67.8012475 MHz
SWH 9090.91 Hz
TD 32768
NS 802
DS 0

F1 - Acquisition parameters

ND0 0
TD 64
SFO1 125.7617 MHz
FIDRES 46.875000 Hz
SW 23.855 ppm

F2 - Processing parameters

SI 16384
SF 67.8009378 MHz
WDW EM
SSB 0
LB 10.00 Hz
GB 0
PC 2.00

F1 - Processing parameters

SI 64
MC2 GF
SF 125.7600000 MHz
WDW no
SSB 2
LB 0.30 Hz
GB 0.1

1D NMR plot parameters

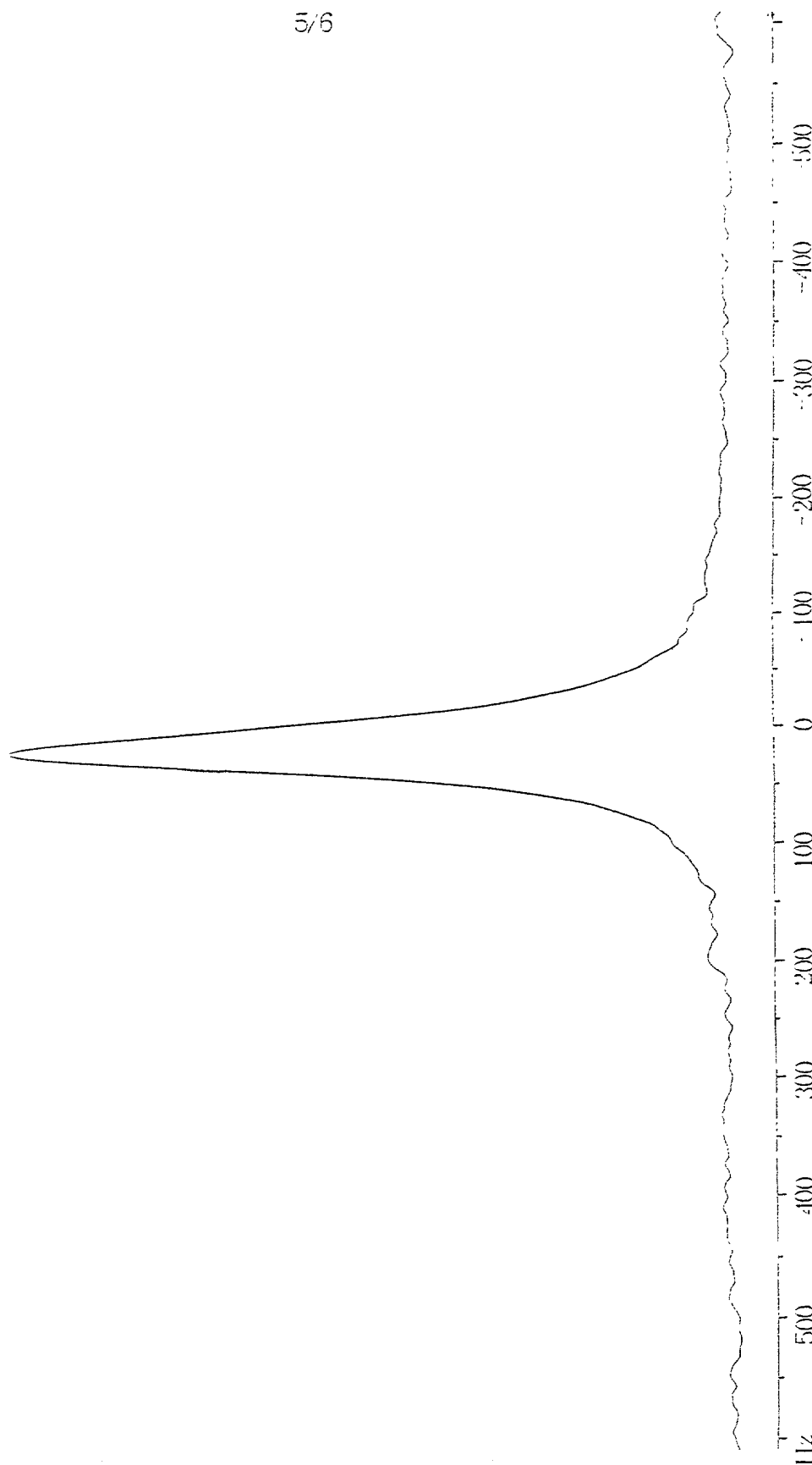
CX 33.00 cm
F1P 10.023 ppm
F1 679.56 Hz
F2P -10.331 ppm
F2 -700.47 Hz
PPMCM 0.61880 ppm/cm
HZCM 41.81933 Hz/cm

(108.2HZ)

5/6

Fig. 4

gm 0721(3-1) 170-110 of alkali ion filter



6/6

Fig. 4(continued)

Current Data Parameters

NAME gm-0721
EXPNO 3
PROCNO 1

F2 - Acquisition Parameters

Date 970708
Time 22.26
PULPROG zg
SOLVENT CHCL3
AQ 1.8022600 sec
FIDRES 0.277433 Hz
DQ 55.0 usec
RG 32768
NUCLEUS 170
HL1 2 dB
D1 1.0000000 sec
P1 10.0 usec
DE 68.8 usec
SFO1 67.8012475 MHz
SWH 9090.91 Hz
TD 32768
NS 602
DS 0

F1 - Acquisition parameters

ND0 0
TD 64
SFO1 125.7617 MHz
FIDRES 46.875000 Hz
SW 23.855 ppm

F2 - Processing parameters

SI 16384
SF 67.8009978 MHz
WDW EM
SSB 0
LB 10.00 Hz
GB 0
PC 2.00

F1 - Processing parameters

SI 64
MC2 GF
SF 125.7600000 MHz
WDW no
SSB 2
LB 0.30 Hz
GB 0.1

1D NMR plot parameters

CX 33.00 cm
F1P 8.979 ppm
F1 608.80 Hz
F2P -8.991 ppm
F2 -609.57 Hz
PPMCM 0.54454 ppm/cm
HZCM 36.92017 Hz/cm

(51.048 HZ)